

Clinica Chimica Acta, Vol. 189

Author index

- Abraham, R.J., see West-Jordan, J.A. (189) 163
- Albert, A., see Viel, J.F. (189) 191
- Alonso, J.I.G., García, A.L., Parajón, J.P., González, E.B., Medel, A.S. and Cannata, J.B.
High performance liquid chromatography methods for studying protein binding of aluminium in human serum in the absence and in the presence of desferrioxamine (189) 69
- Anderson, R.J. and Liebenritt, D.K.
Human platelet thermostable phenol sulfo-transferase: assay of frozen samples and correlation between frozen and fresh activities (189) 221
- Aoki, T., see Hidaka, H. (189) 287
- Apfelbaum, M., see Atger, V. (189) 111
- Armbruster, F.-P., Reichel, H., Vogel, G., Georgousis, H. and Schmidt-Gayk, H.
Development of a double antibody radioimmunoassay for quantitation of 1 α ,25-dihydroxyvitamin D (189) 97
- Atger, V., Wirbel, E., Roche, D., Apfelbaum, M., Burstein, M. and Girard-Globa, A.
Distribution of HDL₂ and HDL₃ in a random population of healthy French males and females — evaluation by a two-step precipitation procedure (189) 111
- Beger, H.G., see Berger, D. (189) 1
- Bentouati, L., Samadi Baboli, M., Hachem, H., Hamza, M., Canal, P. and Soula, G.
Hyperphosphatasemia related to three intestinal alkaline phosphatase isoforms: biochemical study (189) 145
- Berger, D., Winter, M. and Beger, H.G.
Influence of human transferrin and group-specific protein on endotoxicity in vitro (189) 1
- Bigi, F., see Scarnecchia, L. (189) 245
- Bory, C., Boulieu, R., Chantin, C. and Mathieu, M.
Diagnosis of alcaptonuria: rapid analysis of homogentisic acid by HPLC (189) 7
- Boulieu, R., see Bory, C. (189) 7
- Bourbon, J.R., Francoual, J., Magny, J.F., Lindenbaum, A., Leluc, R. and Dehan, M.
Changes in phospholipid composition of tracheal aspirates from newborns with hyaline membrane disease or transient tachypnoea (189) 87
- Bozzi, A., Furciniti-La Chiusa, B., Strom, R. and Crifò, C.
S-Adenosylhomocysteine hydrolase and adenosine deaminase activities in human red cell ageing (189) 81
- Brouwer, J. and Smekens, F.
Determination of α_1 -antitrypsin in fecal extracts by enzyme immunoassay (189) 173
- Buchanan, K.D., see Cunningham, R.T. (189) 275
- Bureau, F., see Viel, J.F. (189) 191
- Burstein, M., see Atger, V. (189) 111
- Canal, P., see Bentouati, L. (189) 145
- Cannata, J.B., see Alonso, J.I.G. (189) 69
- Carnevale, V., see Scarnecchia, L. (189) 245
- Chantin, C., see Bory, C. (189) 7
- Chevrand-Breton, J., see Clerc, C. (189) 181
- Ciclitira, P.J., see Ellis, H.J. (189) 123
- Clerc, C., Pibouin, M., Ruelland, A., Legras, B., Chevrand-Breton, J. and Cloarec, L.
Cutaneous interstitial fluid protein concentrations in the inflammatory syndrome: pharmacological consequences (189) 181
- Cloarec, L., see Clerc, C. (189) 181
- Condrea, E., see Shina, R. (189) 231
- Crepaldi, G., see Gerhardinger, C. (189) 335
- Crifò, C., see Bozzi, A. (189) 81
- Cunningham, R.T., Johnston, C.F., Irvine, G.B., McIlrath, E.M., McNeill, A. and Buchanan, K.D.
Development of a radioimmunoassay for neurone specific enolase (NSE) and its application in the study of patients receiving intra hepatic arterial streptozotocin and floxuridine (189) 275

- Dehan, M., see Bourbon, J.R. (189) 87
- De Klerk, J.B.C., see Wanders, R.J.A. (189) 327
- De Luca, G., see Formato, M. (189) 131
- Drosdowsky, M.A., see Viel, J.F. (189) 191
- Duran, M., see Wanders, R.J.A. (189) 327
- Dyerberg, J., see Schmidt, E.B. (189) 25
- Edwards, R.H.T., see West-Jordan, J.A. (189) 163
- Elder, M.G., see Lumb, M.R. (189) 39
- Ellis, H.J., Freedman, A.R. and Ciclitira, P.J.
Detection and estimation of the barley prolamins content of beer and malt to assess their suitability for patients with coeliac disease (189) 123
- Fedele, D., see Gerhardinger, C. (189) 335
- Fogh-Andersen, N., Wimberley, P.D., Thode, J. and Siggaard-Andersen, O.
Direct reading glucose electrodes detect the molality of glucose in plasma and whole blood (189) 33
- Formato, M., Masala, B. and De Luca, G.
The levels of adenine nucleotides and pyridine coenzymes in red blood cells from the newborn, determined simultaneously by HPLC (189) 131
- Foucault, P., see Viel, J.F. (189) 191
- Francoual, J., see Bourbon, J.R. (189) 87
- Freedman, A.R., see Ellis, H.J. (189) 123
- Furciniti-La Chiusa, B., see Bozzi, A. (189) 81
- Galán, P., Sangaré, N., Preziosi, P., Roudier, M. and Hercberg, S.
Is basic red cell ferritin a more specific indicator than serum ferritin in the assessment of iron stores in the elderly? (189) 159
- García, A.L., see Alonso, J.I.G. (189) 69
- Garganta, C.L. and Wolf, B.
Lipoamidase activity in human serum is due to biotinidase (189) 313
- Georgousis, H., see Armbruster, F.-P. (189) 97
- Gerhardinger, C., Lapolla, A., Crepaldi, G., Fedele, D., Ghezzi, E., Seraglia, R. and Traldi, P.
Evidence of acid hydrolysis as responsible for 2-(2-furoyl)-4(5)-(2-furanyl)-1H-imidazole (FFI) production (189) 335
- Ghezzi, E., see Gerhardinger, C. (189) 335
- Gilbert, A., see Todd, N.J. (189) 47
- Girard-Globa, A., see Atger, V. (189) 111
- González, E.B., see Alonso, J.I.G. (189) 69
- Grafnetter, D., Molinari, E. and Lonsky, L.
International study on the comparability of Apo A-1 and Apo B methods (189) 55
- Hachem, H., see Bentouati, L. (189) 145
- Hamza, M., see Bentouati, L. (189) 145
- Hansson, P.
Kinetic enzymatic assay for ethylene glycol (189) 243
- Harano, Y., see Hidaka, H. (189) 287
- Helmig, R., see Lumb, M.R. (189) 39
- Hemmes, A.M., see Wanders, R.J.A. (189) 327
- Hercberg, S., see Galán, P. (189) 159
- Hidaka, H., Kojima, H., Nakajima, Y., Aoki, T., Nakamura, T., Kawabata, T., Nakano, T., Harano, Y. and Shigeta, Y.
Apolipoprotein B-48 analysis by high-performance liquid chromatography in VLDL: a sensitive and rapid method (189) 287
- Hirata, I., see Uchida, K. (189) 267
- Houlston, R.S., Wenham, P.R. and Humphries, S.E.
Detection of apolipoprotein E polymorphisms using PCR/ASO probes and Southern transfer: application for routine use (189) 153
- Humphries, S.E., see Houlston, R.S. (189) 153
- Hvid-Jacobsen, K., see Kiilerich, S. (189) 13
- Inoue, M., see Okajima, K. (189) 237
- Irvine, G.B., see Cunningham, R.T. (189) 275
- Isobe, H., Sakai, H., Satoh, M., Sakamoto, S., Koga, S. and Nawata, H.
Decreased proapolipoprotein A-I processing in liver disease: evidence for hepatic participation in proapolipoprotein A-I conversion (189) 303
- Jackson, M.J., see West-Jordan, J.A. (189) 163
- Johnson, D.J. and Williams, H.L.
Rapid spectrophotometric assay of serum iron (189) 199
- Johnston, C.F., see Cunningham, R.T. (189) 275
- Jurriaans, S., see Wanders, R.J.A. (189) 139
- Kawabata, T., see Hidaka, H. (189) 287
- Kawai, K., see Min Chung, S. (189) 205
- Kiilerich, S., Hvid-Jacobsen, K., Vaag, A. and Sørensen, S.S.
65 Zinc absorption in patients with insulin-dependent diabetes mellitus assessed by whole-body counting technique (189) 13
- Kikuchi, M., Narisawa, K., Tada, K. and Sweetman, L.
Enzymatic diagnosis of 3-hydroxy-3-methylglutaryl-CoA lyase deficiency with high-performance liquid chromatography (189) 297
- Koga, S., see Isobe, H. (189) 303

- Koga, S., see Okajima, K. (189) 237
 Kojima, H., see Hidaka, H. (189) 287
 Kornerup, H.J., see Schmidt, E.B. (189) 25
- Lapolla, A., see Gerhardinger, C. (189) 335
 Legras, B., see Clerc, C. (189) 181
 Leluc, R., see Bourbon, J.R. (189) 87
 Liebentritt, D.K., see Anderson, R.J. (189) 221
 Lindenbaum, A., see Bourbon, J.R. (189) 87
 Lonsky, L., see Grafnetter, D. (189) 55
 Lüke, F.J. and Schlegel, W.
 A time-resolved fluorimmunoassay for the determination of prostaglandin F_{2a} (189) 257
 Lumb, M.R., Roseblade, C.K., Helmig, R., Uldbjerg, N., Sullivan, M.H.F. and Elder, M.G.
 Use of a new simplified assay for Phospholipase A2 to measure bacterial enzyme levels (189) 39
- Magny, J.F., see Bourbon, J.R. (189) 87
 Marangella, M., see Petrarulo, M. (189) 249
 Martin, P.A., see West-Jordan, J.A. (189) 163
 Masala, B., see Formato, M. (189) 131
 Mathieu, M., see Bory, C. (189) 7
 Matsuse, R., see Uchida, K. (189) 267
 Mazzuoli, G.F., see Scarnecchia, L. (189) 245
 McIlrath, E.M., see Cunningham, R.T. (189) 275
 McNeill, A., see Cunningham, R.T. (189) 275
 Medel, A.S., see Alonso, J.I.G. (189) 69
 Min Chung, S. and Kawai, K.
 Protease activities in gastric cancer tissues (189) 205
 Minisola, S., see Scarnecchia, L. (189) 245
 Miyachi, N., see Uchida, K. (189) 267
 Miyoshi, H., see Uchida, K. (189) 267
 Moleman, P.
 Effect of diet on urinary excretion of unconjugated catecholamines and some of their metabolites in healthy control subjects and depressed patients (189) 19
 Molinari, E., see Grafnetter, D. (189) 55
- Nakajima, Y., see Hidaka, H. (189) 287
 Nakamura, T., see Hidaka, H. (189) 287
 Nakano, T., see Hidaka, H. (189) 287
 Narisawa, K., see Kikuchi, M. (189) 297
 Nawata, H., see Isobe, H. (189) 303
 Nielsen, L.K., see Schmidt, E.B. (189) 25
- Ohshiba, S., see Uchida, K. (189) 267
 Okabe, H., see Okajima, K. (189) 237
 Okajima, K., Inoue, M., Koga, S., Okabe, H. and Takatsuki, K.
 Plasma polymorphonuclear leukocyte elastase- α_1 -proteinase inhibitor complex in patients with gastric ulcer (189) 237
 Okuda, S., see Uchida, K. (189) 267
- Pacitti, M.T., see Scarnecchia, L. (189) 245
 Papandreou, P.T. and Rakitzis, E.T.
 Inhibition by a free-radical scavenger of ascorbate-induced hemoglobin denaturation in glucose-6-phosphate dehydrogenase deficient erythrocytes (189) 253
 Parajón, J.P., see Alonso, J.I.G. (189) 69
 Pedersen, J.O., see Schmidt, E.B. (189) 25
 Petrarulo, M. and Marangella, M.
 Proper handling of blood samples is crucial for the accurate ion chromatographic determination of oxalate (189) 249
 Pibouin, M., see Clerc, C. (189) 181
 Preziosi, P., see Galán, P. (189) 159
- Rakitzis, E.T., see Papandreou, P.T. (189) 253
 Reddi, A.S.
 Glomerular and urinary glycosaminoglycans in diabetic rats (189) 211
 Reichel, H., see Armbruster, F.-P. (189) 97
 Roche, D., see Atger, V. (189) 111
 Roseblade, C.K., see Lumb, M.R. (189) 39
 Roudier, M., see Galán, P. (189) 159
 Ruelland, A., see Clerc, C. (189) 181
 Ruiter, J., see Wanders, R.J.A. (189) 139
- Sakai, H., see Isobe, H. (189) 303
 Sakamoto, S., see Isobe, H. (189) 303
 Samadi Baboli, M., see Bentouati, L. (189) 145
 Sangaré, N., see Galán, P. (189) 159
 Satoh, M., see Isobe, H. (189) 303
 Scarnecchia, L., Minisola, S., Pacitti, M.T., Carnevale, V., Bigi, F. and Mazzuoli, G.F.
 Studies on the clinical significance of serum α_2 HS-glycoprotein measurement in metabolic bone diseases (189) 245
 Schlegel, W., see Lüke, F.J. (189) 257
 Schmidt, E.B., Nielsen, L.K., Pedersen, J.O., Kornerup, H.J. and Dyerberg, J.
 The effect of n-3 polyunsaturated fatty acids on lipids, platelet function, coagulation, fibrinolysis and monocyte chemotaxis in patients with hypertension (189) 25
 Schmidt-Gayk, H., see Armbruster, F.-P. (189) 97
 Schutgens, R.B.H., see Wanders, R.J.A. (189) 139
 Schutgens, R.B.H., see Wanders, R.J.A. (189) 327

- Seraglia, R., see Gerhardinger, C. (189) 335
 Shigeta, Y., see Hidaka, H. (189) 287
 Shina, R. and Condrea, E.
 Inhibition of lactate dehydrogenase by an EDTA · Ca²⁺ complex (189) 231
 Siggaard-Andersen, O., see Fogh-Andersen, N. (189) 33
 Smekens, F., see Brouwer, J. (189) 173
 Sørensen, S.S., see Küllerich, S. (189) 13
 Soula, G., see Bentouati, L. (189) 145
 Strom, R., see Bozzi, A. (189) 81
 Sullivan, M.H.F., see Lumb, M.R. (189) 39
 Sweetman, L., see Kikuchi, M. (189) 297
 Tada, K., see Kikuchi, M. (189) 297
 Tager, J.M., see Wanders, R.J.A. (189) 139
 Takatsuki, K., see Okajima, K. (189) 237
 Thode, J., see Fogh-Andersen, N. (189) 33
 Todd, N.J., Whicher, J.T., Westacott, C. and Gilbert, A.
 The acute phase protein response in mice does not show tolerance to recurrent sterile inflammation (189) 47
 Tomita, S., see Uchida, K. (189) 267
 Traldi, P., see Gerhardinger, C. (189) 335
 Tsumoto, S., see Uchida, K. (189) 267
 Uchida, K., Matsuse, R., Miyachi, N., Okuda, S., Tomita, S., Miyoshi, H., Hirata, I., Tsumoto, S. and Ohshiba, S.
 Immunochemical detection of human blood in feces (189) 267
 Uldbjerg, N., see Lumb, M.R. (189) 39
 Vaag, A., see Küllerich, S. (189) 13
 Van Roermund, C.W.T., see Wanders, R.J.A. (189) 139
 Van Sprang, F.J., see Wanders, R.J.A. (189) 327
 Viel, J.F., Foucault, P., Bureau, F., Albert, A. and Drosdowsky, M.A.
 Combined diagnostic value of biochemical markers in acute pancreatitis (189) 191
 Vogel, G., see Armbruster, F.-P. (189) 97
 Voorbrood, B.S., see Wanders, R.J.A. (189) 327
 Wadman, S.K., see Wanders, R.J.A. (189) 327
 Wanders, R.J.A., Ruiter, J., Van Roermund, C.W.T., Schutgens, R.B.H., Jurriaans, S. and Tager, J.M.
 Human liver L-alanine - glyoxylate aminotransferase: characteristics and activity in controls and hyperoxaluria type I patients using a simple spectrophotometric method (189) 139
 Wanders, R.J.A., Zoeters, P.H.M., Schutgens, R.B.H., De Klerk, J.B.C., Duran, M., Wadman, S.K., Van Sprang, F.J., Hemmes, A.M. and Voorbrood, B.S.
 Rapid diagnosis of 3-hydroxy-3-methylglutaryl-coenzyme A lyase deficiency via enzyme activity measurements in leukocytes or platelets using a simple spectrophotometric method (189) 327
 Wenham, P.R., see Houlston, R.S. (189) 153
 West-Jordan, J.A., Martin, P.A., Abraham, R.J., Edwards, R.H.T. and Jackson, M.J.
 Energy dependence of cytosolic enzyme efflux from rat skeletal muscle (189) 163
 Westacott, C., see Todd, N.J. (189) 47
 Whicher, J.T., see Todd, N.J. (189) 47
 Williams, H.L., see Johnson, D.J. (189) 199
 Wimberley, P.D., see Fogh-Andersen, N. (189) 33
 Winter, M., see Berger, D. (189) 1
 Wirbel, E., see Atger, V. (189) 111
 Wolf, B., see Garganta, C.L. (189) 313
 Zoeters, P.H.M., see Wanders, R.J.A. (189) 327

Clinica Chimica Acta, Vol. 189

Subject index

Accuracy

Apo A-1 and B methods; International survey; Precision; Comparability; Standardization (Grafnetter, D. (189) 55)

Activity

Biosensors; Enzyme electrode; Glucose oxidase; Hematocrit; Molality vs. concentration; Water concentration (Fogh-Andersen, N. (189) 33)

Acute pancreatitis

Biochemical marker; Multivariate analysis (Viel, J.F. (189) 191)

Acute phase response

Tolerance; Chronic inflammation (Todd, N.J. (189) 47)

Adenine nucleotide

Newborn RBC; Pyridine coenzyme; HPLC (Formato, M. (189) 131)

Adenosine deaminase

Erythrocyte ageing; S-Adenosylhomocysteine hydrolase; Cell separation (Bozzi, A. (189) 81)

S-Adenosylhomocysteine hydrolase

Erythrocyte ageing; Adenosine deaminase; Cell separation (Bozzi, A. (189) 81)

Advanced glycation products

Diabetes; Parent ion spectroscopy (Gerhardinger, C. (189) 335)

Alanine-glyoxylate aminotransferase

Primary hyperoxaluria type I; Peroxisome; Oxalate; Peroxisomal disorder (Wanders, R.J.A. (189) 139)

Albuminuria

Urinary heparan sulfate; Streptozotocin diabetes; Rat; Glomerulus (Reddi, A.S. (189) 211)

Alcaptonuria

Homogentisic acid; HPLC (Bory, C. (189) 7)

Alkaline phosphatase

Intestinal isoform; Preparative isoelectric focusing; Physicochemical characteristic (Bentouati, L. (189) 145)

Allele specific oligonucleotide

Polymerase chain reaction; Southern blotting (Houlston, R.S. (189) 153)

Aluminium

Protein binding; Transferrin; Desferrioxamine; High performance liquid chromatography (Alonso, J.I.G. (189) 69)

Apo A-1 and B methods

International survey; Precision; Accuracy; Comparability; Standardization (Grafnetter, D. (189) 55)

Apolipoprotein A-I

Proapolipoprotein A-I; High-density lipoprotein; Proapo A-I converting enzyme; Liver cirrhosis (Isobe, H. (189) 303)

Apolipoprotein B-100

Apolipoprotein B-48; HPLC; TG-rich lipoprotein (Hidaka, H. (189) 287)

Apolipoprotein B-48

Apolipoprotein B-100; HPLC; TG-rich lipoprotein (Hidaka, H. (189) 287)

ATP

NMR; Muscle; Creatine kinase; PCr (West-Jordan, J.A. (189) 163)

Bacteria

Phospholipase A2; Rapid method; Pre-term labor (Lumb, M.R. (189) 39)

Beer

Celiac disease; Gluten; Gliadin; Hordein; Malt; ELISA (Ellis, H.J. (189) 123)

Biochemical marker

Acute pancreatitis; Multivariate analysis (Viel, J.F. (189) 191)

Biosensors

Activity; Enzyme electrode; Glucose oxidase; Hematocrit; Molality vs. concentration; Water concentration (Fogh-Andersen, N. (189) 33)

Biotinidase

Lipoamidase; Biotinidase deficiency; Vitamin recycling (Garganta, C.L. (189) 313)

Biotinidase deficiency

Lipoamidase; Biotinidase; Vitamin recycling (Garganta, C.L. (189) 313)

Capillary permeability to protein

Suction blister fluid; Interstitial fluid; Human; Inflammatory syndrome (Clerc, C. (189) 181)

Catecholamine

Diet; Urine; Noradrenaline; Dopamine; Normetanephine; Vanillylmandelic acid; Methoxy-hydroxy-phenylglycol; Healthy control; Depressed patients (Moleman, P. (189) 19)

Celiac disease

Gluten; Gliadin; Hordein; Beer; Malt; ELISA (Ellis, H.J. (189) 123)

Cell separation

Erythrocyte ageing; S-Adenosylhomocysteine hydrolase; Adenosine deaminase (Bozzi, A. (189) 81)

Chronic inflammation

Acute phase response; Tolerance (Todd, N.J. (189) 47)

Colorectal cancer

Immunochemical fecal occult blood test; Enzyme-linked immunosorbent assay; Hemoglobin and transferrin (Uchida, K. (189) 267)

Comparability

Apo A-1 and B methods; International survey; Precision; Accuracy; Standardization (Grafnetter, D. (189) 55)

Creatine kinase

NMR; Muscle; ATP; PCr (West-Jordan, J.A. (189) 163)

Depressed patients

Diet; Urine; Catecholamine; Noradrenaline; Dopamine; Normetanephine; Vanillylmandelic acid; Methoxy-hydroxy-phenylglycol; Healthy control (Moleman, P. (189) 19)

Desferrioxamine

Aluminium; Protein binding; Transferrin; High performance liquid chromatography (Alonso, J.I.G. (189) 69)

Determination

HDL₂-cholesterol; HDL₃-cholesterol; Dextran sulfate; Distribution; Healthy subjects (Atger, V. (189) 111)

Dextran sulfate

HDL₂-cholesterol; HDL₃-cholesterol; Determination; Distribution; Healthy subjects (Atger, V. (189) 111)

Diabetes

Advanced glycation products; Parent ion spectroscopy (Gerhardinger, C. (189) 335)

Diabetes mellitus

Zinc; Zinc absorption (Külicher, S. (189) 13)

Diet

Urine; Catecholamine; Noradrenaline; Dopamine; Normetanephine; Vanillylmandelic acid; Methoxy-hydroxy-phenylglycol; Healthy control; Depressed patients (Moleman, P. (189) 19)

1 α ,25-Dihydroxyvitamin D₃

RIA; Double antibody separation (Armbruster, F.-P. (189) 97)

Disaturated phosphatidylcholine

Newborn; Hyaline membrane disease; Transient tachypnoea; Lung; Tracheal aspirate; Surfactant phospholipids; Phosphatidylglycerol (Bourbon, J.R. (189) 87)

Distribution

HDL₂-cholesterol; HDL₃-cholesterol; Determination; Dextran sulfate; Healthy subjects (Atger, V. (189) 111)

Dopamine

Diet; Urine; Catecholamine; Noradrenaline; Normetanephine; Vanillylmandelic acid; Methoxy-hydroxy-phenylglycol; Healthy control; Depressed patients (Moleman, P. (189) 19)

Double antibody separation

1 α ,25-Dihydroxyvitamin D₃; RIA (Armbruster, F.-P. (189) 97)

EDTA·Ca²⁺ complex

Lactate dehydrogenase; Enzyme inhibition (Shina, R. (189) 231)

ELISA

Celiac disease; Gluten; Gliadin; Hordein; Beer; Malt (Ellis, H.J. (189) 123)

Endotoxin

Transferrin; Group-specific protein (Berger, D. (189) 1)

Enzyme electrode

Activity; Biosensors; Glucose oxidase; Hematocrit; Molality vs. concentration; Water concentration (Fogh-Andersen, N. (189) 33)

Enzyme immunoassay

Fecal antitrypsin; Reference interval (Brouwer, J. (189) 173)

Enzyme inhibition

Lactate dehydrogenase; EDTA·Ca²⁺ complex (Shina, R. (189) 231)

Enzyme-linked immunosorbent assay

Immunochemical fecal occult blood test; Colorectal cancer; Hemoglobin and transferrin (Uchida, K. (189) 267)

Erythrocyte aging

S-Adenosylhomocysteine hydrolase; Adenosine deaminase; Cell separation (Bozzi, A. (189) 81)

Fecal antitrypsin

Enzyme immunoassay; Reference interval (Brouwer, J. (189) 173)

Fish oil

Hypertension; n-3 fatty acid; Lipid; Hemostasis; Monocyte chemotaxis (Schmidt, E.B. (189) 25)

Fluoroimmunoassay

Time-resolved fluoroimmunoassay; Prostaglandin F_{2a}; Immunoassay; Solid-phase; Microtiter technique (Lüke, F.J. (189) 257)

Frozen enzyme

Thermostable phenol sulfotransferase; Human platelet (Anderson, R.J. (189) 221)

Gastric cancer

Protease (Min Chung, S. (189) 205)

Gastric ulcer

Polymorphonuclear leukocyte; Polymorphonuclear leukocyte elastase- α_1 -proteinase inhibitor complex (Okajima, K. (189) 237)

Gliadin

Celiac disease; Gluten; Hordein; Beer; Malt; ELISA (Ellis, H.J. (189) 123)

Glomerulus

Urinary heparan sulfate; Streptozotocin diabetes; Rat; Albuminuria (Reddi, A.S. (189) 211)

Glucose oxidase

Activity; Biosensors; Enzyme electrode; Hematocrit; Molality vs. concentration; Water concentration (Fogh-Andersen, N. (189) 33)

Gluten

Celiac disease; Gliadin; Hordein; Beer; Malt; ELISA (Ellis, H.J. (189) 123)

Group-specific protein

Transferrin; endotoxin (Berger, D. (189) 1)

HDL₂-cholesterol

HDL₃-cholesterol; Determination; Dextran sulfate; Distribution; Healthy subjects (Atger, V. (189) 111)

HDL₃-cholesterol

HDL₂-cholesterol; Determination; Dextran sulfate; Distribution; Healthy subjects (Atger, V. (189) 111)

Healthy control

Diet; Urine; Catecholamine; Noradrenaline; Dopamine; Normetanephrine; Vanillylmandelic acid; Methoxy-hydroxy-phenylglycol; Depressed patients (Moleman, P. (189) 19)

Healthy subjects

HDL₂-cholesterol; HDL₃-cholesterol; Determination; Dextran sulfate; Distribution (Atger, V. (189) 111)

Hematocrit

Activity; Biosensors; Enzyme electrode; Glucose oxidase; Molality vs. concentration; Water concentration (Fogh-Andersen, N. (189) 33)

Hemoglobin and transferrin

Immunochemical fecal occult blood test; Colorectal cancer; Enzyme-linked immunosorbent assay (Uchida, K. (189) 267)

Hemostasis

Hypertension; n-3 fatty acid; Fish oil; Lipid; Monocyte chemotaxis (Schmidt, E.B. (189) 25)

High-density lipoprotein

Apolipoprotein A-I; Proapolipoprotein A-I; Proapo A-I converting enzyme; Liver cirrhosis (Isobe, H. (189) 303)

High performance liquid chromatography

Aluminium; Protein binding; Transferrin; Desferrioxamine (Alonso, J.I.G. (189) 69)

High-performance liquid chromatography

3-Hydroxy-3-methylglutaric aciduria; Hydroxymethylglutaryl-CoA lyase (Kikuchi, M. (189) 297)

Homogentisic acid

Alcaptonuria; HPLC (Bory, C. (189) 7)

Hordein

Celiac disease; Gluten; Gliadin; Beer; Malt; ELISA (Ellis, H.J. (189) 123)

HPLC

Homogentisic acid; Alcaptonuria (Bory, C. (189) 7)

Newborn RBC; Adenine nucleotide; Pyridine coenzyme (Formato, M. (189) 131)

Apolipoprotein B-100; Apolipoprotein B-48; TG-rich lipoprotein (Hidaka, H. (189) 287)

Human

Suction blister fluid; Interstitial fluid; Capillary permeability to protein; Inflammatory syndrome (Clerc, C. (189) 181)

Human platelet

Thermostable phenol sulfotransferase; Frozen enzyme (Anderson, R.J. (189) 221)

Hyaline membrane disease

Newborn; Transient tachypnoea; Lung; Tracheal aspirate; Surfactant phospholipids; Disaturated phosphatidylcholine; Phosphatidylglycerol (Bourbon, J.R. (189) 87)

3-Hydroxy-3-methylglutaric aciduria

Hydroxymethylglutaryl-CoA lyase; High-performance liquid chromatography (Kikuchi, M. (189) 297)

3-Hydroxy-3-methylglutaryl CoA lyase; Hypoglycemia; Organic aciduria; Reye's syndrome (Wanders, R.J.A. (189) 327)

Hydroxymethylglutaryl-CoA lyase

3-Hydroxy-3-methylglutaric aciduria; High-performance liquid chromatography (Kikuchi, M. (189) 297)

3-Hydroxy-3-methylglutaryl CoA lyase

3-Hydroxy-3-methylglutaric aciduria; Hypoglycemia; Organic aciduria; Reye's syndrome (Wanders, R.J.A. (189) 327)

Hypertension

n-3 fatty acid; Fish oil; Lipid; Hemostasis; Monocyte chemotaxis (Schmidt, E.B. (189) 25)

Hypoglycemia

3-Hydroxy-3-methylglutaryl CoA lyase; 3-Hydroxy-3-methylglutaric aciduria; Organic aciduria; Reye's syndrome (Wanders, R.J.A. (189) 327)

Immunoassay

Time-resolved fluoroimmunoassay; Prostaglandin F_{2a} ; Fluoroimmunoassay; Solid-phase; Microtiter technique (Lüke, F.J. (189) 257)

Immunochemical fecal occult blood test

Colorectal cancer; Enzyme-linked immunosorbent assay; Hemoglobin and transferrin (Uchida, K. (189) 267)

Inflammatory syndrome

Suction blister fluid; Interstitial fluid; Capillary permeability to protein; Human (Clerc, C. (189) 181)

International survey

Apo A-1 and B methods; Precision; Accuracy; Comparability; Standardization (Grafnetter, D. (189) 55)

Interstitial fluid

Suction blister fluid; Capillary permeability to protein; Human; Inflammatory syndrome (Clerc, C. (189) 181)

Intestinal isoform

Alkaline phosphatase; Preparative isoelectric focusing; Physicochemical characteristic (Bentouati, L. (189) 145)

Intra hepatic arterial chemotherapy

Neurone specific enolase; Neuroendocrine tumor (Cunningham, R.T. (189) 275)

Iron

Spectrophotometry; Surfactant (Johnson, D.J. (189) 199)

Iron stores

Red cell ferritin; Serum ferritin, Elderly (Gallán, P. (189) 159)

Lactate dehydrogenase

EDTA · Ca²⁺ complex; Enzyme inhibition (Shina, R. (189) 231)

Lipid

Hypertension; n-3 fatty acid; Fish oil; Hemostasis; Monocyte chemotaxis (Schmidt, E.B. (189) 25)

Lipoamidase

Biotinidase; Biotinidase deficiency; Vitamin recycling (Garganta, C.L. (189) 313)

Liver cirrhosis

Apolipoprotein A-I; Proapolipoprotein A-I; High-density lipoprotein; Proapo A-I converting enzyme (Isobe, H. (189) 303)

Lung

Newborn; Hyaline membrane disease; Transient tachypnoea; Tracheal aspirate; Surfactant phospholipids; Disaturated phosphatidylcholine; Phosphatidylglycerol (Bourbon, J.R. (189) 87)

Malt

Celiac disease; Gluten; Gliadin; Hordein; Beer; ELISA (Ellis, H.J. (189) 123)

Methoxy-hydroxy-phenylglycol

Diet; Urine; Catecholamine; Noradrenaline; Dopamine; Normetanephrine; Vanillylmandelic acid; Healthy control; Depressed patients (Moleman, P. (189) 19)

Microtiter technique

Time-resolved fluoroimmunoassay; Prostaglandin F_{2a}; Fluoroimmunoassay; Immunoassay; Solid-phase (Lüke, F.J. (189) 257)

Molality vs. concentration

Activity; Biosensors; Enzyme electrode; Glucose oxidase; Hematocrit; Water concentration (Fogh-Andersen, N. (189) 33)

Monocyte chemotaxis

Hypertension; n-3 fatty acid; Fish oil; Lipid; Hemostasis (Schmidt, E.B. (189) 25)

Multivariate analysis

Acute pancreatitis; Biochemical marker (Viel, J.F. (189) 191)

Muscle

NMR; Creatine kinase; ATP; PCr (West-Jordan, J.A. (189) 163)

Neuroendocrine tumor

Neurone specific enolase; Intra hepatic arterial chemotherapy (Cunningham, R.T. (189) 275)

Neurone specific enolase

Neuroendocrine tumor; Intra hepatic arterial chemotherapy (Cunningham, R.T. (189) 275)

Newborn

Hyaline membrane disease; Transient tachypnoea; Lung; Tracheal aspirate; Surfactant phospholipids; Disaturated phosphatidylcholine; Phosphatidylglycerol (Bourbon, J.R. (189) 87)

Newborn RBC

Adenine nucleotide; Pyridine coenzyme; HPLC (Formato, M. (189) 131)

n-3 fatty acid

Hypertension; Fish oil; Lipid; Hemostasis; Monocyte chemotaxis (Schmidt, E.B. (189) 25)

NMR

Muscle; Creatine kinase; ATP; PCr (West-Jordan, J.A. (189) 163)

Noradrenaline

Diet; Urine; Catecholamine; Dopamine; Normetanephrine; Vanillylmandelic acid; Methoxy-hydroxy-phenylglycol; Healthy control; Depressed patients (Moleman, P. (189) 19)

Normetanephrine

Diet; Urine; Catecholamine; Noradrenaline; Dopamine; Vanillylmandelic acid; Methoxy-hydroxy-phenylglycol; Healthy control; Depressed patients (Moleman, P. (189) 19)

Organic aciduria

3-Hydroxy-3-methylglutaryl CoA lyase; 3-Hydroxy-3-methylglutaric aciduria; Hypoglycemia; Reye's syndrome (Wanders, R.J.A. (189) 327)

Oxalate

Alanine-glyoxylate aminotransferase; Primary hyperoxaluria type I; Peroxisome; Peroxisomal disorder (Wanders, R.J.A. (189) 139)

Parent ion spectroscopy

Diabetes; Advanced glycation products (Gerhardinger, C. (189) 335)

PCR

NMR; Muscle; Creatine kinase; ATP (West-Jordan, J.A. (189) 163)

Peroxisomal disorder

Alanine-glyoxylate aminotransferase; Primary hyperoxaluria type I; Peroxisome; Oxalate (Wanders, R.J.A. (189) 139)

Peroxisome

Alanine-glyoxylate aminotransferase; Primary hyperoxaluria type I; Oxalate; Peroxisomal disorder (Wanders, R.J.A. (189) 139)

Phosphatidylglycerol

Newborn; Hyaline membrane disease; Transient tachypnoea; Lung; Tracheal aspirate; Surfactant phospholipids; Disaturated phosphatidylcholine (Bourbon, J.R. (189) 87)

Phospholipase A2

Bacteria; Rapid method; Pre-term labor (Lumb, M.R. (189) 39)

Physicochemical characteristic

Alkaline phosphatase; Intestinal isoform; Preparative isoelectric focusing (Bentouati, L. (189) 145)

Polymerase chain reaction

Allele specific oligonucleotide; Southern blotting (Houlston, R.S. (189) 153)

Polymorphonuclear leukocyte

Gastric ulcer; Polymorphonuclear leukocyte elastase- α_1 -proteinase inhibitor complex (Okajima, K. (189) 237)

Polymorphonuclear leukocyte elastase- α_1 -proteinase inhibitor complex

Gastric ulcer; Polymorphonuclear leukocyte (Okajima, K. (189) 237)

Precision

Apo A-I and B methods; International survey; Accuracy; Comparability; Standardization (Grafnetter, D. (189) 55)

Preparative isoelectric focusing

Alkaline phosphatase; Intestinal isoform; Physicochemical characteristic (Bentouati, L. (189) 145)

Pre-term labor

Phospholipase A2; Bacteria; Rapid method (Lumb, M.R. (189) 39)

Primary hyperoxaluria type I

Alanine-glyoxylate aminotransferase; Peroxisome; Oxalate; Peroxisomal disorder (Wanders, R.J.A. (189) 139)

Proapo A-I converting enzyme

Apolipoprotein A-I; Proapolipoprotein A-I; High-density lipoprotein; Liver cirrhosis (Isobe, H. (189) 303)

Proapolipoprotein A-I

Apolipoprotein A-I; High-density lipoprotein; Proapo A-I converting enzyme; Liver cirrhosis (Isobe, H. (189) 303)

Prostaglandin F_{2a}

Time-resolved fluoroimmunoassay; Fluoroimmunoassay; Immunoassay; Solid-phase; Microtiter technique (Lüke, F.J. (189) 257)

Protease

Gastric cancer (Min Chung, S. (189) 205)

Protein binding

Aluminium; Transferrin; Desferrioxamine; High performance liquid chromatography (Alonso, J.I.G. (189) 69)

Pyridine coenzyme

Newborn RBC; Adenine nucleotide; HPLC (Formato, M. (189) 131)

Rapid method

Phospholipase A2; Bacteria; Pre-term labor (Lumb, M.R. (189) 39)

Rat

Urinary heparan sulfate; Streptozotocin diabetes; Glomerulus; Albuminuria (Reddi, A.S. (189) 211)

Red cell ferritin

Iron stores; Serum ferritin, Elderly (Galán, P. (189) 159)

Reference interval

Fecal antitrypsin; Enzyme immunoassay (Brouwer, J. (189) 173)

Reye's syndrome

3-Hydroxy-3-methylglutaryl CoA lyase; 3-Hydroxy-3-methylglutaric aciduria; Hypoglycemia; Organic aciduria (Wanders, R.J.A. (189) 327)

RIA

1 α ,25-Dihydroxyvitamin D₃; Double antibody separation (Armbruster, F.-P. (189) 97)

Serum ferritin, Elderly

Iron stores; Red cell ferritin (Galán, P. (189) 159)

Solid-phase

Time-resolved fluoroimmunoassay; Prostaglandin F_{2 α} ; Fluoroimmunoassay; Immunoassay; Microtiter technique (Lüke, F.J. (189) 257)

Southern blotting

Polymerase chain reaction; Allele specific oligonucleotide (Houlston, R.S. (189) 153)

Spectrophotometry

Iron; Surfactant (Johnson, D.J. (189) 199)

Standardization

Apo A-1 and B methods; International survey; Precision; Accuracy; Comparability (Grafnetter, D. (189) 55)

Streptozotocin diabetes

Urinary heparan sulfate; Rat; Glomerulus; Albuminuria (Reddi, A.S. (189) 211)

Suction blister fluid

Interstitial fluid; Capillary permeability to protein; Human; Inflammatory syndrome (Clerc, C. (189) 181)

Surfactant

Iron; Spectrophotometry (Johnson, D.J. (189) 199)

Surfactant phospholipids

Newborn; Hyaline membrane disease; Transient tachypnoea; Lung; Tracheal aspirate; Disat-

urated phosphatidylcholine; Phosphatidylglycerol (Bourbon, J.R. (189) 87)

TG-rich lipoprotein

Apolipoprotein B-100; Apolipoprotein B-48; HPLC (Hidaka, H. (189) 287)

Thermostable phenol sulfotransferase

Human platelet; Frozen enzyme (Anderson, R.J. (189) 221)

Time-resolved fluoroimmunoassay

Prostaglandin F_{2 α} ; Fluoroimmunoassay; Immunoassay; Solid-phase; Microtiter technique (Lüke, F.J. (189) 257)

Tolerance

Acute phase response; Chronic inflammation (Todd, N.J. (189) 47)

Tracheal aspirate

Newborn; Hyaline membrane disease; Transient tachypnoea; Lung; Surfactant phospholipids; Disaturated phosphatidylcholine; Phosphatidylglycerol (Bourbon, J.R. (189) 87)

Transferrin

Group-specific protein; endotoxin (Berger, D. (189) 1)

Aluminium; Protein binding; Desferrioxamine; High performance liquid chromatography (Alonso, J.I.G. (189) 69)

Transient tachypnoea

Newborn; Hyaline membrane disease; Lung; Tracheal aspirate; Surfactant phospholipids; Disaturated phosphatidylcholine; Phosphatidylglycerol (Bourbon, J.R. (189) 87)

Urinary heparan sulfate

Streptozotocin diabetes; Rat; Glomerulus; Albuminuria (Reddi, A.S. (189) 211)

Urine

Diet; Catecholamine; Noradrenaline; Dopamine; Normetanephine; Vanillylmandelic acid; Methoxy-hydroxy-phenylglycol; Healthy control; Depressed patients (Moleman, P. (189) 19)

Vanillylmandelic acid

Diet; Urine; Catecholamine; Noradrenaline; Dopamine; Normetanephine; Methoxy-hydroxy-phenylglycol; Healthy control; Depressed patients (Moleman, P. (189) 19)

Vitamin recycling

Lipoamidase; Biotinidase; Biotinidase deficiency
(Garganta, C.L. (189) 313)

Water concentration

Activity; Biosensors; Enzyme electrode; Glucose
oxidase; Hematocrit; Molality vs. concentration
(Fogh-Andersen, N. (189) 33)

Zinc

Zinc absorption; Diabetes mellitus (Kiilerich, S.
(189) 13)

Zinc absorption

Zinc; Diabetes mellitus (Kiilerich, S. (189) 13)

